

Claims

1. A method for electronic equalizing an optical transmitter comprising the steps:
 - 5 - splitting an electronic signal in a first electronic signal and a second electronic signal,
 - delaying one of said first signal or said second signal,
 - combining said first signal and said second signal, wherein one signal is attenuated,
 - using said combined signal, to drive the optical transmitter.
- 10 2. The method according to the previous claim, wherein said first electronic signal and the second electronic signal are combined with a power combiner.
3. The method according to claim 1, wherein said first electronic signal and the second electronic signal are combined with a directional coupler.
- 15 4. The method according to claim 1, wherein the peak-frequency is adjusted with the delay of said delayed signal.
5. The method according to claim 1, wherein the amount of the peak-frequency is
20 adjusted with the degree of attenuation.
6. The method according to claim 1, wherein the splitting is done by an amplifier.
7. A circuitry for electronic equalizing an optical transmitter comprising
 - 25 - a splitter splitting an electronic signal in a first electronic signal and a second electronic signal,
 - means for delaying one of said first signal or said second signal,
 - means for combining said first signal and said second signal, wherein one signal is attenuated,
 - 30 - an optical transmitter being influenced by said combined signal.

8. The circuitry according to the previous circuitry claim, wherein the means for combining said first electronic signal and the second electronic signal is a power combiner or a directional coupler.

5 9. The circuitry according to claim 7, wherein the peak-frequency is adjusted with the delay of said delayed signal and/or wherein the peak-frequency is adjusted with the degree of attenuation.

10. The circuitry according to claim 7, wherein the splitter is an amplifier.

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11. The circuitry according to claim 7, wherein the means for delaying one of said first signal or said second signal is an electronic delay line integrated on a chip together with the amplifier.

15 12. An apparatus for electronic equalizing an optical transmitter comprising a circuitry according to one or more of the previous circuitry claims.

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